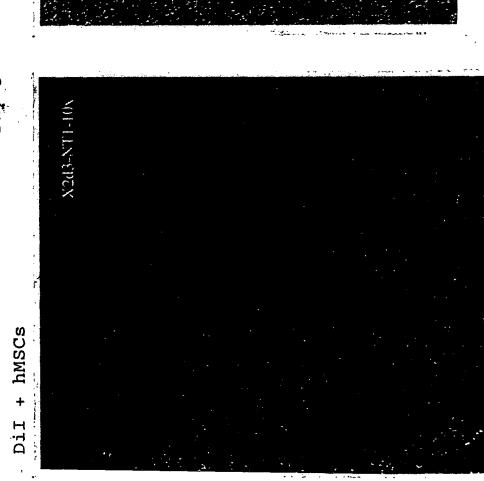
DOOGEES OLLSE

Non-Transduced hMSCs in Immuno-competent mouse muscle Day 3





F G. La

+

Muscle: Day Human MSCSs in Mouse

Dir labelled cells Sybr-green staining of all nuclei

(H&E)





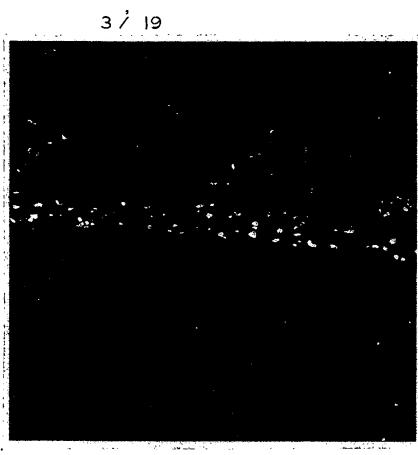
2/19

FIG. 1c

Human MSCs in Mouse Muscles Day-7

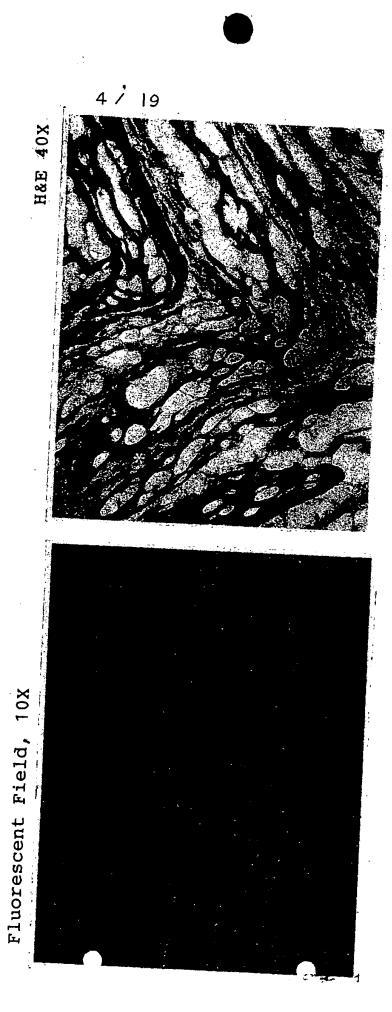
(H&E, 20X)





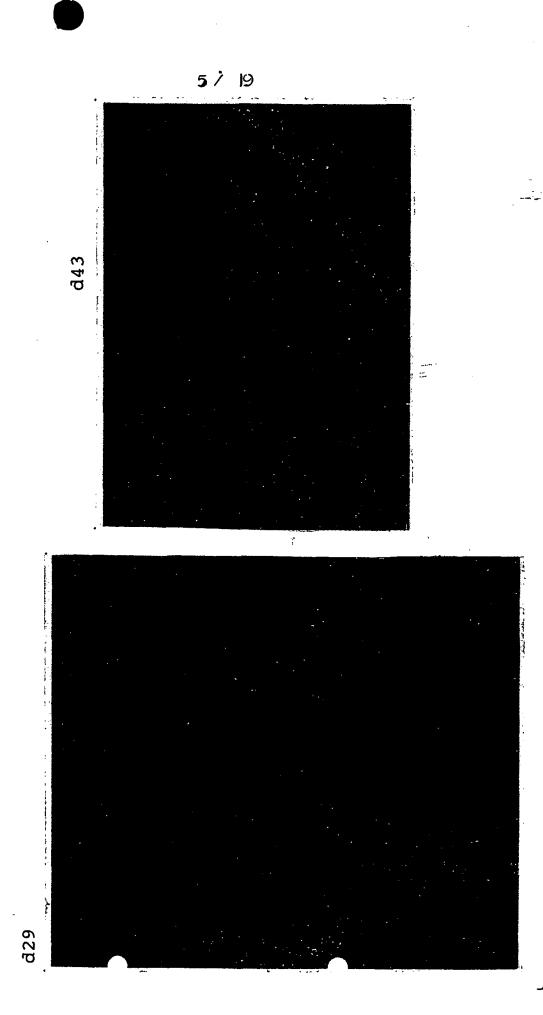
1

Human MSCs in Mouse Muscle: Day 14



Human MSCs in Money

DiI-Positive O-GalA Transduced hMSCs in Immuno-competent mouse muscle

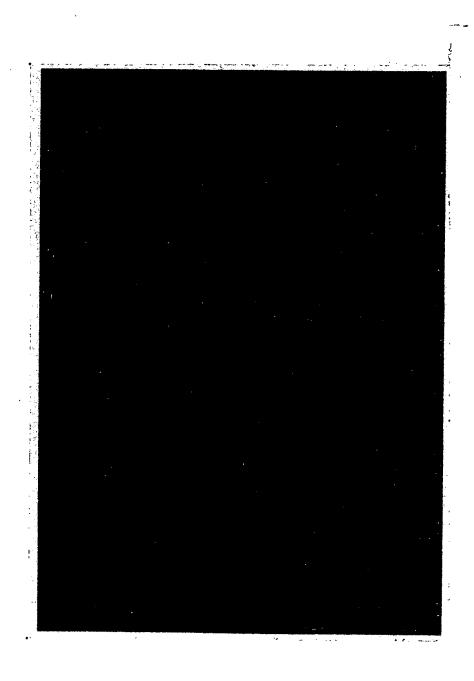


Despens, ottson

FIG. 1F

Human @ GalA-Transduced MSCs in Mouse Muscle: Day-57

10X

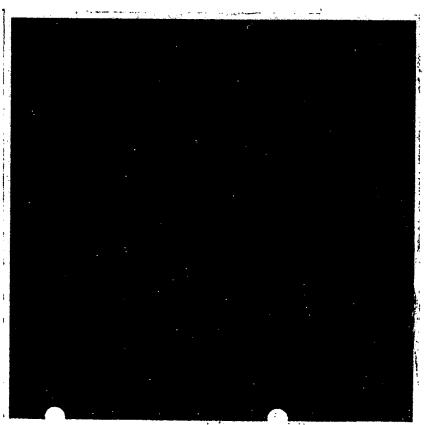


L



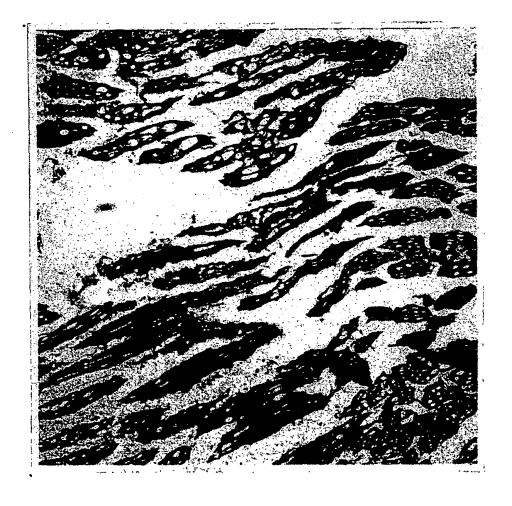
D3: IM injection of DiI-labeled PBMCs





F1 G. 3

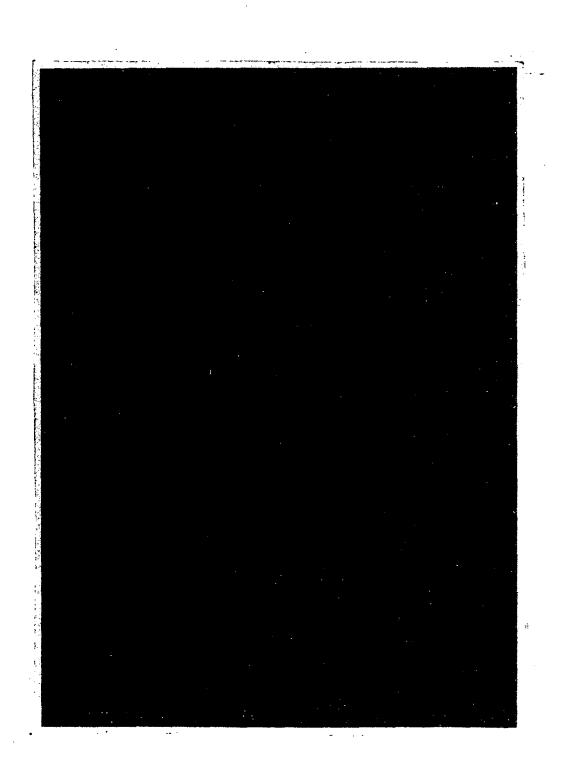
D3 IM injection of saline



ooonno, ohinoi

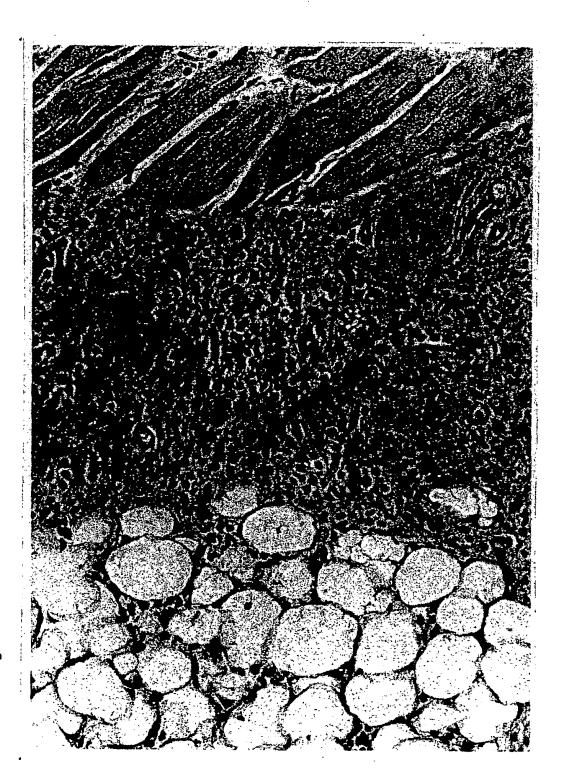
F1 G. 4

Red and Blue Florescence Channels merged



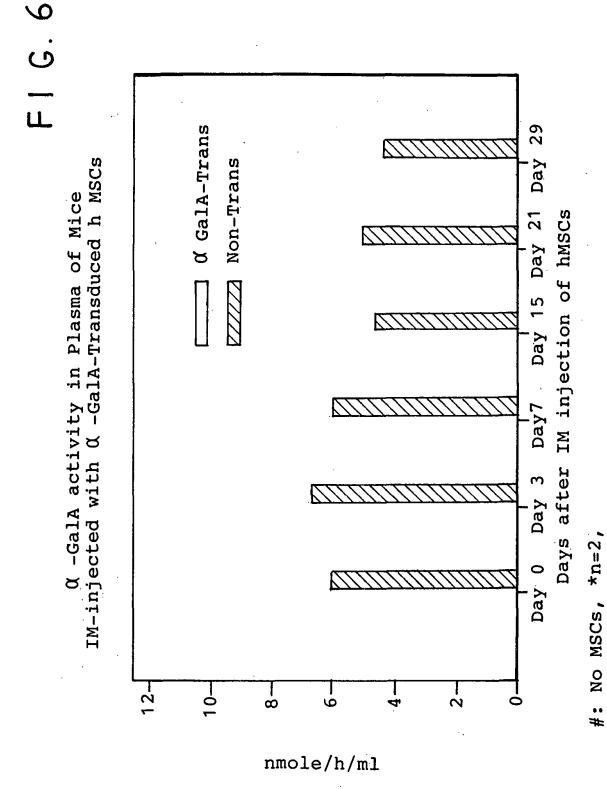
_

Description of the property of





+



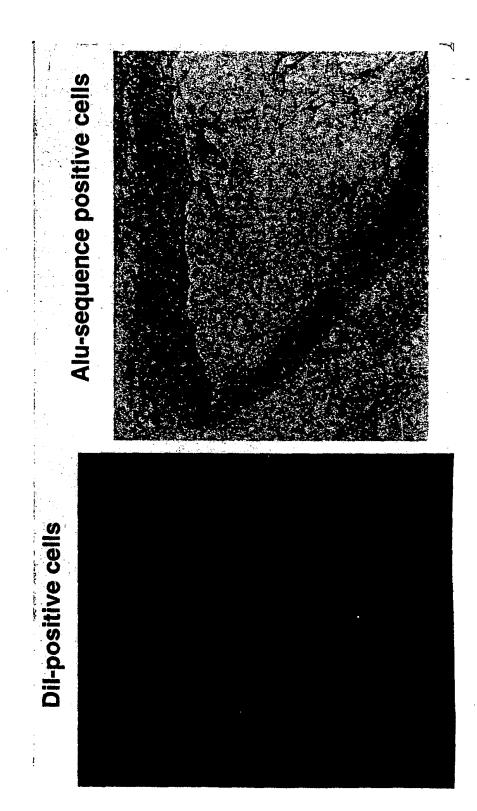
Fabry Mice plasma: 0.5 nmole/h/ml, PNAS 97:7515

+

oggera erse

FIG. 7a

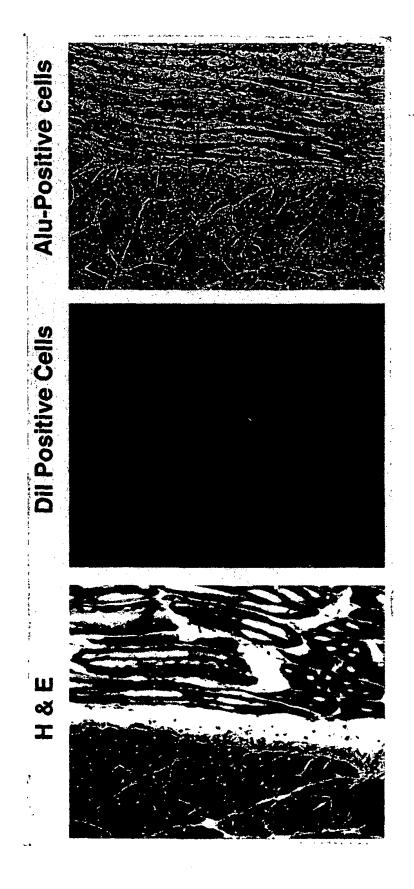
Human-specific Alu esquence staining of hMSCs injected into Immuno-competent mouse muscle

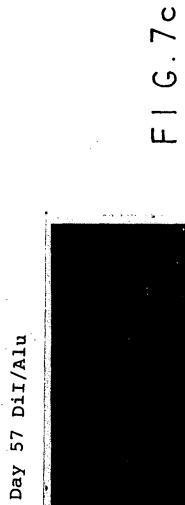


+

F1 G. 76

Human MSCs in Mouse Muscle: 43 days





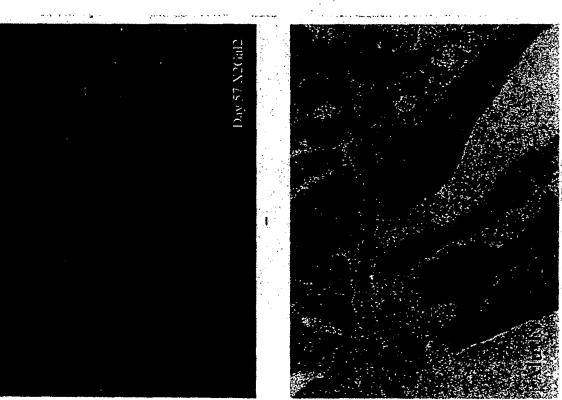
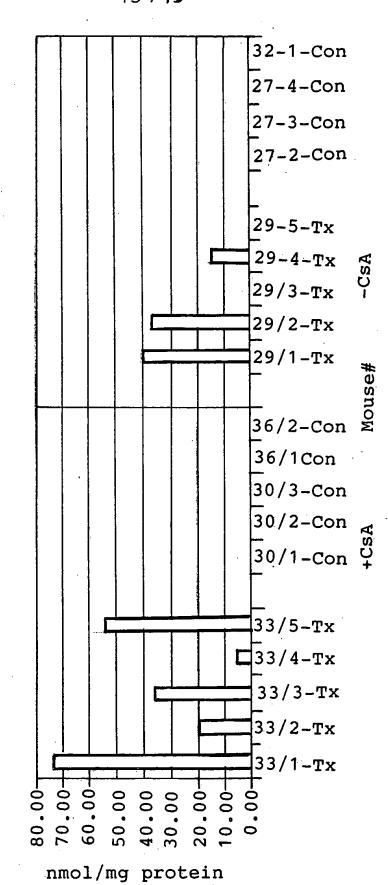


FIG. 8a

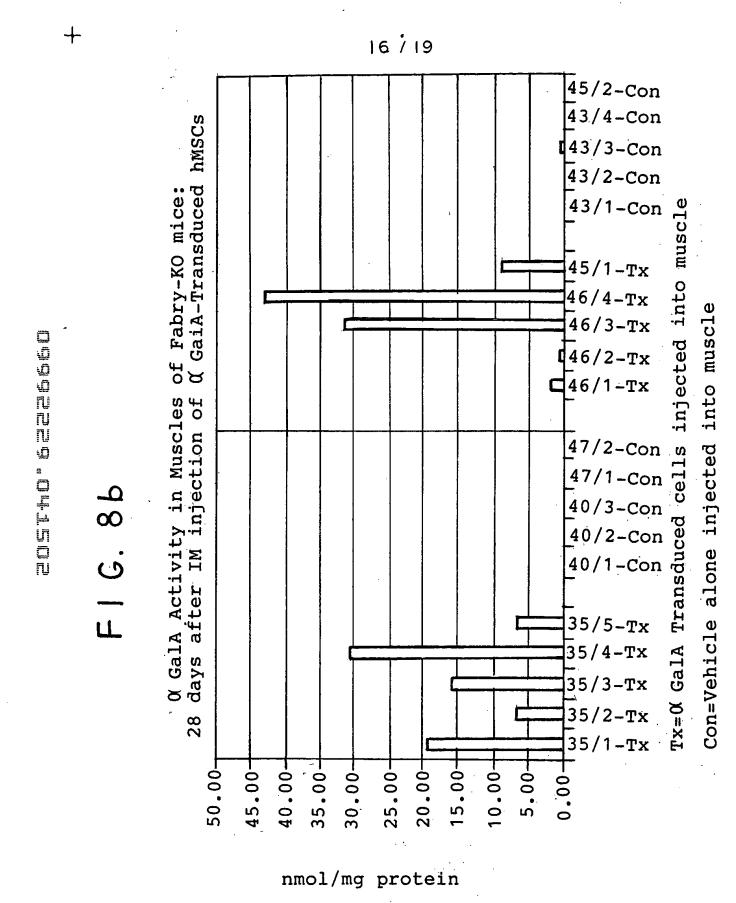
0 GalA Activity in Muscles of Fabry-KO mice:
14 days after IM injection of O GalA-Transduced hMSCs

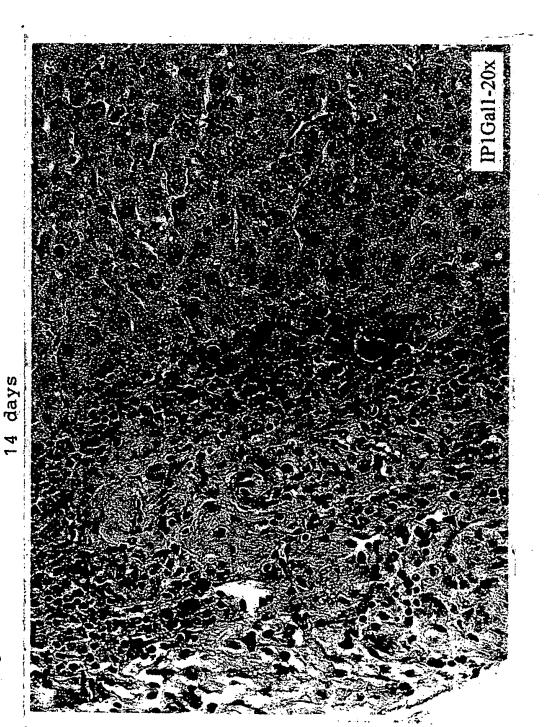


d GalA Transduced cells injected into muscle 11 X

Con = Vehicle alone injected into muscle

_1

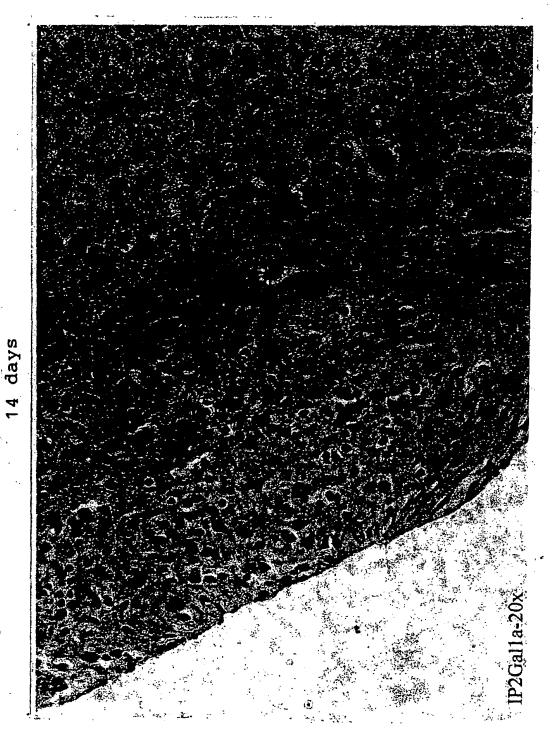




CASSING CHISCH

F1G.96

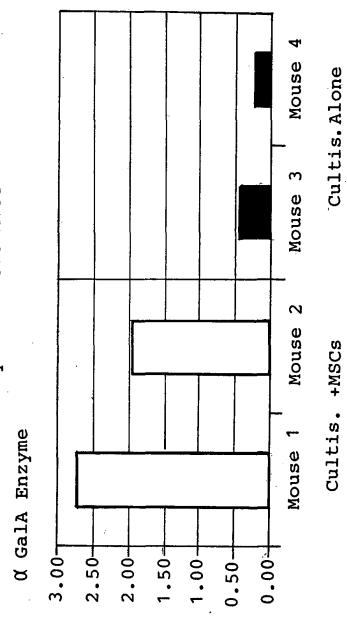
OGala Immunostain of Liver from KO Mouse injected IP with OGala-hMSCs on Cultisphers



1

FIG. 10

Intra-Peritoneal Delivery of α GalA-Transduced hMSCs to Fabry Knock-Out Mice



nmol/mg protein

Increase in 0 GalA is 5% of normal mouse liver activity (41 nmole/mg)

+